

Date: Thu, 23 Sep 93 03:59:50 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1129
To: Info-Hams

Info-Hams Digest Thu, 23 Sep 93 Volume 93 : Issue 1129

Today's Topics:

37749
Alkaline rechargeable batteries (AGAIN!)
Antenna Covenants AGAIN (but now with
Any MARS Members???

ARLP037 Propagation

BKMULTY: looking for views/reviews

Expensive application processes... (Was: Antenna Covenants)

High-end paddles

MFJ QRP Rigs - Experiences? Any good?

New HF Rig

RESPONSE posting for NASA-mics etc.

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text herein consists of personal comments and does not represent the official policies or positions of any party. Your mileage may vary. So there.

Date: 22 Sep 1993 14:38:30 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!usenet.ins.cwru.edu!
news.ecn.bgu.edu!anaxagoras.ils.nwu.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!
rdewan@network.ucsd.edu
Subject: 37749
To: info-hams@ucsd.edu

In article <2480@indep1.UUCP>, Cliff Sharp <clifto@indep1.UUCP> wrote:
>In article <1993Sep4.234209.1@med.wcc.govt.nz> palmer@med.wcc.govt.nz writes:
>:Help !!!

A few lines of the dialogue have been deleted for brevity....

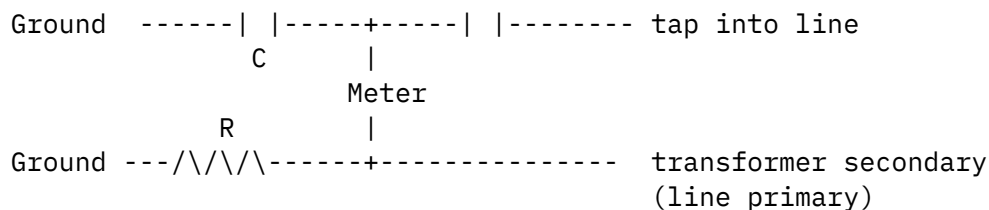
```

>:Q21      An in-line AWR meter operates by sensing:-
>:
>:      A. the characteristic impedance of the line.
>:      B. the transmitter output impedance
>:      C. the line voltage and the line current
>:      D. the square of the line current
>
> Presumably that's a typo and you mean "SWR".
> Eliminate A right away; with a 50-ohm transmitter and 50-ohm coax and a
>300-ohm antenna, measuring only the line would show a 1:1 SWR while the
>actual SWR seen at the transmitter is more like 6:1 (assuming lossless coax,
>etc.). B is sort of a given when you buy the transmitter, and also doesn't
>allow for the coax or antenna, both of which still affect SWR.
> Consider that SWR =
>
>      V0 + VR
>      -----
>      V0 - VR
>
>where V0 is transmitter output voltage and VR is reflected voltage. Then
>answer D would suggest you're measuring  $I^2 \cdot R$ , which is power; SWR is a
>voltage measurement, as shown above. This leaves answer C, but the current
>part confuses me; I can only assume that they mean you're measuring the
>line current to produce a voltage (most bridges I've seen use an inductance
>coupled with the line; current through the line induces a current in the
>coupled inductance, which causes a voltage to be induced across the coupled
>inductance, and you then measure the voltage).

```

As you explained, the other distractors are off the mark by quite a bit, leaving one puzzling about the generalization in option C.

It is confusing and the answer lies in the common method for measuring SWR. At the risk of starting the SWR discussion all over again, many common SWR meters measure the SWR using a capacitive voltage divider and a resistor in the secondary of the transformer to measure current:



The voltage across R depends on instantaneous current. The voltage at C depends on instantaneous voltage. When there is no reflected power, the current and voltage in the line are out of phase and the meter

is adjusted to read 1:1. Mismatch creates a current flow across the meter. BTW, as expected, the scale is non-linear.

So the answer would be C.

However, this is by no means the only method to measure SWR (sort of). This leaves you with an unsettled feeling about the generalization that the answer implies. You almost feel like answering: Sort of. Not something an average VE would like.

BTW, if you were a VE, what would you do? I would mark it correct. But then again, I like to live dangerously. :) And the VE manual says "If in doubt, grade in candidates favor."

Rajiv
aa9ch
r-dewan@nwu.edu

Date: Wed, 22 Sep 1993 20:40:27 GMT
From: sdd.hp.com!portal!lhaven.UUmh.Ab.Ca!combdyn!lawrence@network.ucsd.edu
Subject: Alkaline rechargeable batteries (AGAIN!)
To: info-hams@ucsd.edu

In article <9309211627.AA27764@lfkw2.bgm.link.com> up450@lfkw2.bgm.link.COM (R. A. DuBrava) writes:

>Here we go again.....

>

>In the October 1993 issue of '73 Amateur Radio Today' on page 8,
>there is an announcement that Rayovac Corporation has a new and
>improved alkaline cell that is rechargeable.

>

That's just great. Us Canadians are being screwed by Wayne Green....by making us wait for our September issue, meanwhile the October issue is already out down there.

--

--EMAIL-----PHONE-----FAX-----
| WORK: lawrence@combdyn.com | (403)529-2162 | (403)529-2516 | CallSign
| HOME: dreamer@lhaven.uumh.ab.ca | (403)526-6019 | (403)529-5102 | VE6LKC

disclamer = (working_for && !representing) + (Combustion Dynamics Ltd.);

Date: Wed, 22 Sep 1993 12:07:28 GMT

From: mdisea!mothost!lmpsbbs!news@uunet.uu.net
Subject: Antenna Covenants AGAIN (but now with
To: info-hams@ucsd.edu

In article AA10879@maverick.aud.alcatel.com, mr@z@maverick.aud.alcatel.com (Kris Mraz) writes:

}Steve London, N2IC/0, writes:

}

}>This is exactly why neither the ARRL nor the FCC is interested in extending
}>PRB-1 to address covenants - It simply isn't perceived as a problem in
}>Newington or Washington.

}

}I spoke directly with Chris Imlay, N3AKD, the ARRL General Council, at
}>HAMCOM last June. He addressed this very subject by saying that he and
}>others are doing the research to substantiate the fact that more and
}>more new home developments around the country have severely restrictive
}>covenants against antennas. The ARRL IS, in fact, very concerned about
}>this situation. Chris is working on the legal background footwork
}>necessary to present this to the FCC. He believes that a case can be
}>made to get PRB-1 substantially changed or rewritten to give it teeth
}>to prevent or overcome these kinds of covenants.

}

}Please note that I'm paraphrasing Chris' comments, but this is the gist.

}

}Kris,

}AA5U0

This is a real problem, it has been with us for a while in Florida,
especially South Florida. The good news is that I saw on packet a first draft of a
law that would make null and void the covenants and force the resonable
allowance of Amateur Antennas. We have Hurricane Andrew to thank for this one -
now if all the Florida hams will just pester their elected officials!

73,

Bruce, WB4YUC, e1 YUCC0. . .

Sorry, but I don't have a copy downloaded to show here, maybe in a later posting.

Date: Wed, 22 Sep 1993 15:02:59 GMT
From: netcomsv!netcom.com!areeves@decwrl.dec.com
Subject: Any MARS Members???
To: info-hams@ucsd.edu

Victoria Welch (vikki@seastar.org) wrote:

: As quoted from <pschleck.748370121@cwis> by pschleck@cwis.unomaha.edu (Paul W

Schleck KD3FU):

```
: > In <CDJ662.LF0@fms.com> andrews@fms.com (Andrew Sargent N80FS) writes:
: >
: > >I'm interested in chatting with any MARS members.  MARS is the best
: > >thing to happen to me yet in HAM Radio.  So long...
: >
: > (Hearing my cue to enter...)
: >
: > There are several individuals listed in my Amateur Radio Elmers Resource
: > Directory who are MARS members.  They, in turn, might know other MARS
: > members.  If there are enough of you interested in discussion, you might
: > want to consider setting up a mailing list (and I'll be happy to
: > reference it in the Elmers list as well).
```

: If you wish, you may add the following to your list:

```
: Vikki Welch, WV9K, Navy-Marine Corps MARS, NNN0AEE.
:   Region Four ECOMM Planning Officer: NNN0ASG TWO.
:   vikki@seastar.org.
```

```
: John Welch, N9JZW, Navy-Marine Corps MARS, NNN0WYZ.
:   jjw@seastar.org.
```

: There are other NMCARS Members on internet and I'll be compiling a
: list, if anyone is interested.

: I'd also welcome any correspondence with other members of MARS. We
: are currently considering a MARS conference on the BBS server.

: Take care es 72/73, Vikki.

: --

```
: Vikki Welch, SysAdmin Welch Research Labs, WV9K, NNN0AEE/ASG2, DoD#-13
: vikki@seastar.org [198.134.137.1], vikki@wv9k.atl.ga.us(weekly)
```

Hey, may as well add me too...

Anthony Reeves AB6GA
NNN0RFL
navy/marine mars...

--

```
+-----+
| Tony Reeves Environmental Laser          |
| AB6GA      Your Choice in quality Laser Toner      |
|            Cartridge re-manufacture and Laser      |
|            Printer Repair.                        |
```

| areeves@netcom.com - ab6ga@wb6ymh - |
| "I speak for me only and no other company or group" |
+-----+

Date: Wed, 22 Sep 1993 23:16:33 GMT
From: spool.mu.edu!howland.reston.ans.net!usenet.ins.cwru.edu!news.ecn.bgu.edu!
feenix.metronet.com!marcbg@decwrl.dec.com
Subject: ARLP037 Propagation
To: info-hams@ucsd.edu

SB PROP @ ARL \$ARLP037
ARLP037 Propagation de KT7H

ZCZC AP98
QST de W1AW
Propagation Forecast Bulletin 37 ARLP037
>From Tad Cook, KT7H
Seattle, WA September 17, 1993
To all radio amateurs

SB PROP ARL ARLP037
ARLP037 Propagation de KT7H

Solar activity has possibly hit a new low. There were no visible sunspots from September 10 through 12. Prior to that, there has not been a spotless day since July 14, 1987, over six years ago.

Solar flux was below the average for the previous 90 days on every day last week. Conditions were disturbed on September 13 due to coronal hole activity, as predicted in ARLP036. The A index reached 43 and the K index was as high as 7.

Solar flux will rise in the short term, but only slightly, reaching 95 after the end of this month. There is a strong possibility of more disturbances around October 10 from recurring coronal holes.

Sunspot Numbers from September 9 through 15 were 22, 0, 0, 0, 11, 11 and 27, with a mean of 10.1. 10.7 cm flux was 79, 79.1, 78.8, 78.5, 80.1, 81.7 and 84.7, with a mean of 80.3.

The path projection for this week is from Colorado Springs, Colorado to Mellish Reef.

80 meters should be open from 0700 to 1400z, peaking from 0900 to 1200z. 40 meters should be good from 0530 to 1500z, peaking from 0700 to 1330z. 30 meters should be good from 0500 to 1600z, and

best from 0700 to 1400z. 20 meters should be open reliably from 0400 to 0600z and from 1400 to 1600z. On some days it will be open from 0330 to 1600z. The least promising time is from 0800 to 1330z, but on some days there should be propagation. 17 meters looks good from 1930 to 2200z and from 0200 to 0400z, and on until 0530z on some days. 15 meters looks good from 1930 to 0230z, and 12 meters from 2000 to 0100z. 10 meters may open some days from 2000 to 0300z, with best bets from 2030 to 0000z.

NNNN

/EX

--

Marc B. Grant, N5MEI | marcbg@metronet.com | 214/231-3998 (voice)

P.O Box 850472 | marcbg@esy.com | 214/231-0025 (fax)

Richardson, TX 75085 |

"A billion here, a billion there, it starts to add up to real money" - HL Hunt

Date: Thu, 23 Sep 1993 01:22:25 GMT

From: netcomsv!netcom.com!fmitch@decwrl.dec.com

Subject: BKMULTY: looking for views/reviews

To: info-hams@ucsd.edu

Rajiv Dewan (rdewan@casbah.acns.nwu.edu) wrote:

: I am considering to buy a copy of BK-MULTY software from

: AC4IW for RTTY/AMTOR with my TU (HD3030, TU470 compatible).

: I am looking for any views/reviews of it or similar software.

: Any comments, especially with its compatibility with Windows,

: will be greatly appreciated.

: Rajiv

: aa9ch

: r-dewan@nwu.edu

hi mitch, wa4osr in mobile, alabama... i have a friend, k4bvg who has bk-multy... he thinks highly of it... he is using it with an old hal dumb modem and has nothing but praise for it... the software is very sophisticate and k4bvg (who is an excellent programmer himself) says that the bmk fellow really knows what he is doing with the software... and i understand that bmk now has a pactor license so he is pointing out all of the pactor problems to the pactor fellows in germany... hi... unfortunately k4bvg is not on the internet yet, but i am sure he would tell you the software is excellent and well worth the price...

73... mitch

--

fmitch@netcom.com

Felton Mitchell, WA4OSR in Mobile, Alabama USA
co-sysop for W4IAX bbs running fbb ... sysop for WA4OSR DXCluster in Mobile..

Date: 22 Sep 93 10:30:11 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: Expensive application processes... (Was: Antenna Covenants)
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, md@pstc3.pstc.brown.edu (Michael Deignan) writes:

>Well, I wish the ARRL would be a little more specific on what exactly is
>"reasonable accomodation".

Unfortunately, is is not the ARRL that decides the true meaning of
"reasonable accomodation"; it is the courts. The best we can do
is to provide the appropriate documents from the several court cases,
(90% winners, as I remember). I only wish MY word alone were enough
to set the meaning of that nebulous legal term.

>And I wish that the FCC would spend a little more time enforcing PRB-1
>rather than make the common folks without the resources fund legal cases.
>Maybe if the FCC actually started taking some cities to court, and won
>big concessions, cities would start to wake up.

We ALL wish the FCC would spend more time on all sorts of enforcement,
from part 97 to EMI susceptibility to things like this. Unfortunately,
although the ARRL does manage to positively influence the FCC in many
instances, we do not have control of the FCC (contrary to a few sly
references to how they are in our back pocket, or vice versa, whenever
someone has nothing real with which to make a point). And, there
have been quite a few hams who HAVE taken cities to court and won
big concessions (and legal fees) from the cities. This has probably
swayed many a local regulatory body, but that is by no means certain.
Much like the rural judge who cited that "No one is going to tell me
how to do things in MY county), there are pockets of bureaucracy to
be found in local bureaucracies.

>For example, in my town I wanted to put up a 55' crank-up tower.

> <difficult zoning procedure deleted.>

>Basically the zoning ordinances are set up specifically to prohibit
>you from setting up any type of amateur radio tower.

Sure sounds that way to me, too.

>My answer: since the ARRL is "overwhelmed" by people seeking help
>from people, each of whom "think there situation is the most important",
>its clear I shouldn't expect any help from the ARRL. Sure, their
>PRB-1 infopacket may be nice, but when I mentioned PRB-1 casually
>in my conversations with the zoning folks, they said "doesn't
>apply", and I don't have the dough to legally challenge them on their
>interpretation.

I wonder if you obtained the complete PRB-1 package, including court cases. These are many pages long, and cost us a lot to print and mail, so we do try to send them out only when there is a demonstrated need (as opposed to the "just curious" inquiries). I don't know if you have talked to John Hennessee at ARRL HQ, but he can arrange to get the full package sent to folks who are able to discuss why they need it.

BTW -- was nice to meet in person in RI. I look forward to my next visit next year. !

73 from ARRL HQ, Ed

Ed Hare, KA1CV
American Radio Relay League
225 Main St.
Newington, CT 06111
(203) 666-1541 - voice
ARRL Laboratory Supervisor
RFI, xmtr and rcvr testing

ehare@arrl.org

"You will never put the puzzle together
if you keep putting all of the pieces
back in the box." Colleen

Date: Thu, 23 Sep 1993 08:35:56 GMT
From: sdd.hp.com!col.hp.com!news.dtc.hp.com!hplextra!hplb!hpwin052!hpmoea!dstock@network.ucsd.edu
Subject: High-end paddles
To: info-hams@ucsd.edu

British paddles:

There are the KENT ones, which I prefer, early ones had bent brass arms carrying the contacts, latest ones are one piece machinings with contact studs pressed in. Very nice very solid. Only niggle I've heard about them is th wide-ish paddle spacing. You get used to it.

G4ZPY makes a huge variety of keys and paddles, if you see one you would need to take care to describe it FULLY if you wanted an identical one. He goes in for highly polished brass. The paddles are all inspired by the benchner, and seem a little too delicate for me.

The JONES paddles, a solid hunk of brass, everything adjustable (gap, tension, paddle height and spacing) everything enclosed, looks a bit featureless, but easy to clean. Engraved name a bit too big for good taste, but could be the best key for many.

Hope this helps

David GM4ZNX

Date: Wed, 22 Sep 1993 12:35:11 GMT
From: elroy.jpl.nasa.gov!swrinde!dptspd!TAMUTS.TAMU.EDU!news.utdallas.edu!corpgate!nrtpa038!brtph560!nt.com!cmwdr01@ames.arpa
Subject: MFJ QRP Rigs - Experiences? Any good?
To: info-hams@ucsd.edu

>I was wondering if any current/previous owners of
>the MFJ QRP rigs (Model 90xx, I believe) could give
>me their opinions.

The Short Story:

I like my MFJ 9020 with the optional audio filter and keyer.
I have made a few mods to it to clean up the receive audio and will probably do a couple more.
I sold the 9040 because I don't operate on 40 Meters much and
I have other radios to cover 40.

>what seems to be a reasonable price (~\$170 US for
>both the rig and matching power pack).

I paid \$125.00 for a 9020 in GOOD condition, no options and
\$125.00 for a 9040 in MINT condition with the CW audio filter.

>Is the filter any good? Clean signal? How's the
>overall feel? Is the QSK as grand as the ads make
>it sound?

Yes. Yes. Solid, all the parts are mounted on one PC board, the case is aluminum.
The 90XX radios do NOT have QSK, they are semi break-in with relay switching.

I can supply more words if needed :-)

73 - Dave.

=====
Dave Redfearn, SR PC LAN Analyst Northern Telecom RTP, NC.
ph.(919) 992-3925 email: cmwdr01@nt.com qrl? de N4ELM/qrp

All opinions are my own and do not necessarily reflect the views of
my employer, co-workers or any other person, living or dead.

Date: Wed, 22 Sep 1993 11:56:47 GMT
From: mdisea!mothost!lmpsbbs!news@uunet.uu.net
Subject: New HF Rig
To: info-hams@ucsd.edu

In article AA20067@ucsd.edu, ST1860@SIUCVMB.SIU.EDU (Gary R. Smith KE9MI) writes:
{hi--
{
{ we are considering a new lowband rig and would like some input
{from other hams....The rigs we're looking at are the Yaesu FT1000(not the ft100
{0D), the Icom IC-765 and the base kenwood ts 950....We would appreciate all the
{ comments for suggestions people have....thanx Gary KE9MI Southern Illinois Un
{iversity Amateur Radio Club W9UIH
{
{internet: st1860@siucvmb.siu.edu
{bitnet: st1860@siucvmb.bitnet

Gee fellows, I would recommend an American rig, the Ten-Tec Omni-VI, or the
Paragon, soon, I hope, to be followed by the Paragon II....
I know a couple of folks who own Paragons and think they are superior.

Bruce, WB4YUC, e1 YUCC0. . .

Date: 23 Sep 1993 01:58:20 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
vixen.cso.uiuc.edu!ux4.cso.uiuc.edu!ahall@network.ucsd.edu
Subject: RESPONSE posting for NASA-mics etc.
To: info-hams@ucsd.edu

Hello everyone,

I finally got around to this, however I should probably be
studying right now (but this'll be kept between you and I right?).
Well, I basically asked three questions in the space of 1 week and

I was able to come up w/ these answers thanks to many of you out there!

*****1) How do I make my ft411E vox work w/o buying the YH-2 headset? (I asked this because I ride and a headset doesn't fit too well under a helmet)

(a)...unfortunately I don't know who gave this info to me, but here it is: You can use a radio shack electret mike-element (I used a 1kohm resistor in line w/ the center conductor of my jack (that'sa because they use some type of pre-amp in the one that I bought- it regulates the input voltage to the mic-element- don't ask me, I just did it and it works :) There are two different mic-elements for sale, I used the experiment (pc-board style) element (the one w/ only 2 leads). and I was able to make something w/ this, but for that I'd like you to read on...

(b)...I was reminded of the in the ear mics that work off of inner-ear noise (which would work well for my bike, but not for vox)

*****2)Info on the headsets that NASA uses in their control room??

(a)...They are made by Plantronics- a good source for them is from an aviation mail-order shop in OH (suprise! they have another good use!):

Sporty's Pilot Shop
Clermont Co. Airport
Batavia, OH 45103-9747

or call 1-800-543-8633 and ask for their catalog (you might have to specify communications- apparently they have a couple of catalogs)

I called them and recieved their catalog, a lot of interesting stuff, but didn't feature the headset I was looking for. I had also heard from a number of people that they are in the \$200 range :(

(b)...a source for telephone accessories:

"Hello Direct" (no given 800#, but you could ask the 800-info number about them)

(c)...Heil makes a nice headset but wouldn't work under a helmet

(d)...use the inner-ear mic-ear peice

(e)...there are bone-conducting mics (pricey and not yet easy to find)

(f)...ask Steve Roberts N4RVE (but I think he's gone sailing)

(g)...go to Japan- they sell all sorts of headsets :)

(h)...the nice Plantronics one is the Telex Airman 750 headset approx. \$200

*****3)Does anyone know of the group for bycicling hams??

(a)...(please excuse the typo above!)

Bicycling Mobile Hams of America

send SASE to:

BMHA
Box 4009,

Boulder CO
80306

for a sample of their newsletter and membership info. They
hold a net on 14.253MHz 2230UTC on the 1st and 3rd Sunday of the

month. Contact: Hartley Alley, NA0A on packet:NA0A@WA8ZIA.CO

Well, that should do it for those three questions...

As for what I did w/ my VOX on the FT411e (I haven't tried this under
riding conditions yet- might be too windy)

*****I used the radio-shack element (thanks to the unknown ham) wired
the way I said above and their earpiece to make a boom mike. For the
boom, I used 12 gauge wire w/ very small wire going from the mike-element
down the boom to the earpiece, all secured w/ heat shrink. Then bent the
12 gauge around the back of the ear and then did some fidling w/ some stiff
wire my mother used for making wreaths @ x-mas, to hold on the ear-piece.
then kinda made things look nice and lead a 3 element wire from the boom
stuff to the connectors for the rig. I used some left over computer multi-
conductor wire (from DB-9 connectors) which was quite small and flexible.
I rigged up the connectors for the rig w/ some wire and plastic-welder
glue so that it would make a 2-jack type plug (similar to the Yaesu plugs)
so that I would only have to fit one 2-jack plug into the rig. As far
as the rest goes, I wired both the grounds for the mic and earpiece together
on one conductor and the other go to the center-conductors on the jacks.
As far as how good this thing looks and works is kinda up to you, if
you spend some time @ it, you can make it pretty sturdy. However,
someone pointed out that the Plantronics-style headset doesn't stay on
too well. Oh, by the way you should find that you can use this
home-made earpeice-boom-mic both on the ft411e vox and also w/ just the
PTT button on the rig- (two headsets in one!- and my total was only
\$6.00 dollars -> \$1.20 for the mic-element, \$1.36 for the earpiece, some
scrap wire hanging around the club and the rest for glue and stuff), so
sounds a bit better than \$200, but it might not look as nice, but I've
been told that the response on the mic-element is louder, and maybe even
better than my rig's mic- go figure!

Well, good luck w/ it and this was all done thanks to these people:

Ted Cline

Frank

Paul Marsh

Ted Zateslo

Cantrell

Mark

Greg

Michael Dodson

Alan

Dave

and a few that I accidentally erased while I figured out

how to print out all this excellent info!

Thanks again to everyone who replied!!! I can e-mail this thing to you if you want, but as far as intricate explanations goes, I'm kinda crunched for time- but wouldn't hurt to ask if you like. And as always, I enjoy hearing your input...

73's et CUL!!!

Allen n9rzc

email to: n9rzc@uiuc.edu

Date: Thu, 23 Sep 1993 01:53:54 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!spool.mu.edu!sgiblab!sgigate!odin!chuck.dallas.sgi.com!adams@network.ucsd.edu
To: info-hams@ucsd.edu

References <26igv6\$jhh@charm.magnus.acs.ohio-state.edu>,
<WATSON.93Sep22105052@wink.corp.sgi.com>,
<Charles.R.Hohenstein.1-220993161308@129.74.193.12>ms
Subject : Re: High-end paddles

In article <Charles.R.Hohenstein.1-220993161308@129.74.193.12>,
Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:
|> I thought that paddles were for the rear end, not the high end.

no, paddles are for when you're up the creek without one. :-)

dit dit

Date: Tue, 21 Sep 1993 21:43:49 GMT
From: netcomsv!netcom.com!netcomsv!behemoth.miro.com!marketingmac2.miro.com!user@decwrl.dec.com
To: info-hams@ucsd.edu

References <CDJ662.LF0@fms.com>, <pschleck.748370121@cwis>,
<CDMatL.71p@seastar.org>ns.net
Subject : Re: Any MARS Members???

I am a new MARS member - Navy MARS

Mark Helfen KM6FM NNN0FOIT

In article <CDMATL.71p@seastar.org>, vikki@seastar.org (Victoria Welch) wrote:

> As quoted from <pschleck.748370121@cwis> by pschleck@cwis.unomaha.edu (Paul W Schleck KD3FU):

>

> > In <CDJ662.LF0@fms.com> andrews@fms.com (Andrew Sargent N80FS) writes:

> >

> > >I'm interested in chatting with any MARS members. MARS is the best

> > >thing to happen to me yet in HAM Radio. So long...

> >

> > (Hearing my cue to enter...)

> >

> > There are several individuals listed in my Amateur Radio Elmers Resource

> > Directory who are MARS members. They, in turn, might know other MARS

> > members. If there are enough of you interested in discussion, you might

> > want to consider setting up a mailing list (and I'll be happy to

> > reference it in the Elmers list as well).

>

>

> If you wish, you may add the following to your list:

>

> Vikki Welch, WV9K, Navy-Marine Corps MARS, NNN0AEE.

> Region Four ECOMM Planning Officer: NNN0ASG TWO.

> vikki@seastar.org.

>

> John Welch, N9JZW, Navy-Marine Corps MARS, NNN0WYZ.

> jjw@seastar.org.

>

> There are other NMCARS Members on internet and I'll be compiling a

> list, if anyone is interested.

>

> I'd also welcome any correspondence with other members of MARS. We

> are currently considering a MARS conference on the BBS server.

>

> Take care es 72/73, Vikki.

> --

> Vikki Welch, SysAdmin Welch Research Labs, WV9K, NNN0AEE/ASG2, DoD#-13

> vikki@seastar.org [198.134.137.1], vikki@wv9k.atl.ga.us(weekly)

End of Info-Hams Digest V93 #1129
